

Integral foamed sheets  
up to 4.5 m<sup>2</sup> (47.5 ft<sup>2</sup>)  
Even, textured surface.  
Thickness tolerance of  
+/- 0.2 mm (0.0078").

The defined and precisely adjustable  
multiphase construction produced from one  
material forms a homogenous sandwich  
structure. Load carrying solid structural outer  
layers provide the mechanical properties – the  
foamed core reduces the specific weight.

Pore-free  
solid skin.

Closed cellular core

Solid outer layers enhance  
load carrying ability.  
High tensile and impact  
strength are the key skin  
properties. Precise control  
of transition (see left).

Besides reduction of densi-  
ty and weight, the cellular  
cores high compression  
strength lets it function as  
a stress transmission layer  
in VarioLine®. Closed cell  
walls inhibit any capillary  
effect, not allowing the  
absorption of water (see  
below).

INNOLAST™ lightweight composite panels provide a unique balance of stiffness and strength in a lightweight product. Manufactured using a proprietary process with a foam core and load-bearing edges, INNOLAST panels are designed to replace plywood and other composites in a variety of applications.

Visit [www.innolast.com](http://www.innolast.com) to learn more or e-mail [innolast@novachem.com](mailto:innolast@novachem.com)